

Northside Wastewater Treatment Plant Expansion



What

Timeline: December, 2005 – December, 2008 (estimated)
Cost: \$86 million, jointly funded by the City and New Hanover County
Size: Largest project by far the city has ever undertaken

Why

- ☒ Increase capacity from 8 million gallons a day to 16 million gallons a day
- ☒ Accommodate the City and County's population growth

Benefits

- ☒ Additional capacity to accommodate expected growth
- ☒ Achieve higher level of wastewater treatment
- ☒ Reduce or eliminate potential for treatment system failures
- ☒ Reduce number of septic systems
- ☒ Elimination of chlorine gas
- ☒ Employ odor containment and treatment
- ☒ Potential to expand to 24 MGD when needed

Construction

- ☒ Approximately 22,000 yards of concrete (out of 28,000) placed
- ☒ Contractor completed nearly 175,000 man-hours without lost-time accident
- ☒ City successfully maintained operations during construction